

Fractional exclusion statistics and incomplete information

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Abstract

It is shown that it is possible to replace the actual inexplicit distribution function of the fractional exclusion statistics by an equivalent explicit one of which the form does not change with α value. We also introduce incomplete information into the fractional exclusion statistics in order to apply the latter to some correlated heavy fermion systems.

The manuscript is modified and published in *Nuovo. Cim. B*, (2004), see [cond-mat/0304413](#)